

Title (en)

CLIP-ON TERMINAL BLOCKS FOR SIDE-BY-SIDE RAIL MOUNTING HAVING EXTERNAL ELECTRICAL COMPONENT

Title (de)

REIHENKLEMME MIT EXTERNEM ELEKTRISCHEM BAUELEMENT

Title (fr)

CLIP-ON BORNIERES POUR MONTAGE SIDE-BY-SIDE DANS UN RAIL AYANT UN COMPOSANT EXTERNE ÉLECTRIQUE.

Publication

**EP 3286803 A1 20180228 (DE)**

Application

**EP 16715587 A 20160413**

Priority

- DE 102015106031 A 20150420
- EP 2016058074 W 20160413

Abstract (en)

[origin: WO2016169821A1] The invention relates to an arrangement comprising a terminal block and an external electrical component which is fastened to the terminal block by means of a component carrier. The electrical component is mechanically fastened to the terminal block by means of the component carrier. The electrical contact is established in that either two connection wires of the electrical component are plugged directly into core end connection terminals (push-in, tension spring or displacement technique) or the component carrier itself is in the form of a metal part which can be plugged in, and then a connection wire is plugged into a core end connection terminal and a plug-in foot of the metal part which can be plugged in is plugged into a core end connection terminal or into a bridge shaft of the terminal block.

IPC 8 full level

**H01R 9/26** (2006.01); **H01T 4/04** (2006.01)

CPC (source: CN EP)

**H01R 4/48** (2013.01 - CN); **H01R 9/26** (2013.01 - CN); **H01R 9/2641** (2013.01 - EP); **H01R 9/2675** (2013.01 - EP)

Citation (search report)

See references of WO 2016169821A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102015106031 A1 20161020**; CN 107431285 A 20171201; CN 107431285 B 20191119; EP 3286803 A1 20180228; EP 3286803 B1 20190717; WO 2016169821 A1 20161027

DOCDB simple family (application)

**DE 102015106031 A 20150420**; CN 201680015661 A 20160413; EP 16715587 A 20160413; EP 2016058074 W 20160413